



JAMES A. NOYES, Director

# COUNTY OF LOS ANGELES

## DEPARTMENT OF PUBLIC WORKS

*"To Enrich Lives Through Effective and Caring Service"*

900 SOUTH FREMONT AVENUE  
ALHAMBRA, CALIFORNIA 91803-1331  
Telephone: (626) 458-5100  
www.ladpw.org

ADDRESS ALL CORRESPONDENCE TO:  
P.O. BOX 1460  
ALHAMBRA, CALIFORNIA 91802-1460

IN REPLY PLEASE  
REFER TO FILE: **T-6**

April 1, 2004

The Honorable Board of Supervisors  
County of Los Angeles  
383 Kenneth Hahn Hall of Administration  
500 West Temple Street  
Los Angeles, CA 90012

Dear Supervisors:

**ATLANTIC BOULEVARD/I-710 CORRIDOR  
ADVANCED TRAFFIC MANAGEMENT SYSTEM IMPROVEMENT PROJECT  
AWARD OF CONSULTANT SERVICES AGREEMENT  
SUPERVISORIAL DISTRICTS 1, 2, AND 4  
3 VOTES**

**IT IS RECOMMENDED THAT YOUR BOARD:**

Award and authorize the Director of Public Works, or his designee, to execute a consultant services agreement with Siemens ITS to prepare a conceptual design for the Atlantic Boulevard/I-710 Corridor Advanced Traffic Management System (ATMS) Improvement Project and to establish the effective date following the Board of Supervisors' approval. The agreement will be for a not-to-exceed fee of \$1,335,778 to be financed with Metropolitan Transportation Authority (MTA) grant funds and Proposition C Local Return Fund matching funds.

**PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION**

We are recommending that your Board award a consultant services agreement and authorize the Director of Public Works, or his designee, to execute a contract with Siemens ITS to prepare a conceptual design for a state-of-the-art traffic management system for the Atlantic Boulevard/I-710 corridor and to establish the effective date following the Board's approval. The conceptual design will lay the foundation for the installation of a multijurisdictional advanced traffic control system for the corridor.

This project continues the work underway by Public Works in the field of intelligent transportation systems. The multijurisdictional advanced traffic control system referenced above involves the installation of two primary components: 1) an off-the-shelf traffic control system (TCS) and 2) the Countywide Information Exchange Network (IEN) software. The TCS provides for continuous monitoring of traffic conditions and traffic signal operations and builds upon the benefits achieved by the traffic signal synchronization projects currently underway by Public Works. The TCS will provide once-per-second monitoring of traffic signals. The monitoring of the traffic signals will provide agencies' engineering staff with immediate notification of signal malfunctions, which will enable faster and more efficient maintenance responses. It also enables traffic signal timing to be controlled and coordinated from remote workstations to adjust to actual traffic conditions. Currently, maintenance staff can only change traffic signal timing at the actual traffic signal location. The TCS will provide two-way communications and control functions between the traffic signal controllers and each affected agency.

The other primary component of this system is the IEN. Once the TCS has been installed in an agency, the IEN provides communications between each TCS, which allows for the exchange of arterial traffic data and information between the participating cities, Caltrans, and Public Works. This information sharing will provide for the implementation of arterial traffic management strategies and coordinated traffic signal operations. It also enables the agencies to work together to reduce incident response time during incidents and emergencies. It also includes the capability to monitor and control the operation of traffic signals between jurisdictions.

This consultant services agreement is for the conceptual design of this system only. The conceptual design will lay the foundation and outline the specific components and means of communications to be deployed in the future. The participating agencies include the Cities of Bell, Bell Gardens, Commerce, Compton, Cudahy, Huntington Park, Long Beach, Lynwood, Maywood, Paramount, Signal Hill, South Gate, and Vernon and the County of Los Angeles.

The participating agencies and the MTA have designated Public Works as the lead agency to administer this project. The proposed project will improve mobility, relieve traffic congestion, and enhance air quality in accordance with the MTA's Long Range Transportation Plan.

### **Implementation of Strategic Plan Goals**

These recommendations are consistent with the County Strategic Plan Goals of Service Excellence and Organizational Effectiveness. This consultant services agreement will enable the recommended work to be completed faster and more efficiently. These recommendations are also consistent with the County Strategic Plan Goal of Children and Families' Well-Being, as the implementation of these actions will result in reduced traffic congestion and delay, improved mobility, and reduced vehicle emissions, thus improving the overall quality of life for the residents of the County of Los Angeles.

### **FISCAL IMPACT/FINANCING**

There will be no impact to the County's General Fund. This project will be financed with reimbursement from Los Angeles County MTA 1997 Call for Projects, Proposition C Discretionary Grant Funds for the Gateway Cities Traffic Signal Forum, and County matching funds. Sufficient appropriation for this project is included in the Fiscal Year 2003-04 Proposition C Local Return Fund budget. The MTA is providing approximately 88 percent of the funds and the County will finance the remaining 12 percent matching funds.

The recommended consultant services agreement for this project is for a not-to-exceed fee of \$1,335,778, including \$121,434 for unforeseen additional work that may arise during progress of the work. Additional work within this allowance will not be performed without prior written authorization from the Director of Public Works, or his designee.

### **FACTS AND PROVISIONS/LEGAL REQUIREMENTS**

A consultant services agreement, previously approved by County Counsel, will be used. The standard Board-directed clauses that provide for contract termination, renegotiation, and hiring qualified displaced County employees will be included. The effective date of the agreement will be established following your Board's approval.

As required by the Board, language has been incorporated into the consultant services agreement stating that the consultant shall notify its employees, and shall require each subconsultant to notify its employees, that they may be eligible for the Federal Earned Income Credit under the Federal income tax laws. The agreement also contains provisions requiring the consultant to comply with the Safely Surrendered Baby Law.

As requested by the Board on August 12, 1997, and as a threshold requirement for consideration of a contract award, Siemens ITS is willing to consider Greater Avenues for Independence participants for future employment.

Siemens ITS is in full compliance with Los Angeles County Code Chapter 2.200 (Child Support Compliance Program) and Chapter 2.203 (Contractor Employee Jury Service Program).

### **ENVIRONMENTAL DOCUMENTATION**

A finding of environmental impact is not required for consultant services agreements for design services.

### **CONTRACTING PROCESS**

On July 22, 2003, a request for proposals was issued to 39 firms from a Public Works list of qualified consultants. Four firms responded to the request. An evaluation committee consisting of representatives from the Cities of Long Beach, Paramount, and Bell Gardens, the MTA, the Port of Long Beach, and Public Works civil engineering staff evaluated the proposals. The evaluation of the firms was based on technical expertise, proposed work plan, experience, personnel qualifications, and understanding of the work requirements. These evaluations were completed without regard to race, creed, color, or gender. Based on the review and evaluation of these proposals, the committee selected Siemens ITS as the best qualified firm. The negotiated fees have been reviewed by Public Works and are considered reasonable for the services provided.

Participation by Community Business Enterprises in the project is encouraged through Public Works' CBE Outreach Program and the requirement that consultants demonstrate their good faith efforts to utilize CBEs. Siemens ITS is aware of Public Works' CBE Outreach Program and its proposed CBE participation is on file with Public Works.

The Living Wage Program (County Code Chapter 2.201) does not apply to the recommended agreement, as this agreement is for non-Proposition A services.

As requested by your Board on February 3, 1998, and to further increase consultant awareness of contracting opportunities with Public Works, the request for proposal to develop the select list of qualified consultants was posted on the "Doing Business with the County" website. Enclosed is a copy of the website posting for your reference.

The Honorable Board of Supervisors  
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**IMPACT ON CURRENT SERVICES (OR PROJECTS)**

There will be no impact on current County services or projects during the performance of the recommended consultant services.

**CONCLUSION**

At such time as this recommendation is approved, please return one copy of this letter to Public Works.

Respectfully submitted,

JAMES A. NOYES  
Director of Public Works

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Enc.

cc: Chief Administrative Office  
County Counsel  
Department of Public Social Services (GAIN Program)  
Metropolitan Transportation Authority (David Wang)

**Bid Detail Information****Bid Number :** TSM0010013**Bid Title :** Atlantic Boulevard/I-710 Corridor Advanced Traffic Management System Improvement Project**Bid Type :** Service**Department :** Public Works**Commodity :** ENGINEERING -TRAFFIC AND TRANSPORTATION**Open Date :** 7/22/2003**Closing Date :** 8/25/2003 5:00 PM**Bid Amount :** N/A**Bid Download :** Not Available

**Bid Description :** The Dept. of Public Works is requesting proposals from qualified firms to provide for the development, design, and implementation of an Advanced Traffic Management System for various arterials in the vicinity of Atlantic Boulevard and the I-710 Corridor in the Gateway Cities area of Los Angeles County, CA. A preproposal conference will be held on 8/6/03, at the Dept. of Public Works, 900 South Fremont Avenue, Alhambra, CA 91803, Conference Room "C", 10:00 a.m. Attendance is strongly encouraged. Proposals are due no later than 5:00 p.m., 8/25/03.

**Contact Name :** Grace Stohs**Contact Phone# :** (626) 979-5311 Ext: fax**Contact Email :** [gstohs@ladpw.org](mailto:gstohs@ladpw.org)**Last Changed On :** 7/22/2003 2:27:29 PM[Back to Last Window](#)